

REMARKS

In the Office Action the Examiner rejected claims 1-14 under 35 U.S.C. 122 for being anticipated. Claims 1, 2, and 10-14 remain in the application.

The rejection for anticipation was based on Ngu. Ngu teaches a prefetching scheme but using a different scheme than that claimed. For example, at column 8, lines 29-43, it is explained that Ng waits until the end of prefetch for giving the desired data. Claim 1 has been amended to clarify this distinction. Claim 1, for example, now requires "loading the additional data into the additional data into the line in the cache as it is received without waiting for completion of the step of placing the first data in the line in the cache and onto the data bus ..." The receiving of additional data in Ngu is contingent upon waiting until the end of the prefetch. Applicants approach is advantageous compared to Ngu because the desired data can be entered without having to wait for completion of the prefetch as required by Ngu. Claim 10 has also been amended in a similar manner.

To expedite prosecution, claims 3-9 have been cancelled.

No amendment made was related to the statutory requirements of patentability unless expressly stated herein. No amendment made was for the purpose of narrowing the scope of any claim, unless Applicants have argued herein that such amendment was made to distinguish over a particular reference or combination of references.


Applicants believe the application is in condition for allowance which action is respectfully solicited. Please contact the below-signed if there are any issues regarding this communication or otherwise concerning the current application .

Respectfully submitted,

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